SONY

ILCE-5000L/S

a5000 Camera with 16 - 50mm lens

Capture amazing detail with the 20.1MP camera than anyone can use. With its self-portrait-friendly zoom lever and 180°-tilting screen that lets you see the shots as you take them, this camera makes quality photography look easy. Ready to share these frame-worthy moments with friends? Faster-than-ever wireless sharing with one-touch NFC connectivity lets you upload to Facebook and more, directly from the camera. Ah, simplicity.

Key Features

20.1 MP Exmor® HD APS sensor

You get incredible detail and gorgeous enlargements. Thanks to the large 20.1 megapixel APS-C sensor size and Sony Exmor® APS HD CMOS technology, the camera achieves high resolution and DSLR quality images with no penalty in low-light sensitivity or sensor noise.

Convenient Power zoom lens w/ motor zoom lever and body control

A convenient zoom lever on the body of the camera allows for effortless one-handed operation and smooth zooming even when shooting self-portraits, bringing compact camera convenience to the realm of interchangeable-lens models.

Beautifully composed self-portraits made easy

The a5000's tiltable LCD screen flips up 180° to make shooting self-portraits a snap. Include other people, experiment with interesting angles or shoot against famous landmarks. When you press the shutter, the camera does all the work.

Full HD 1080/60i/24p or 1080/30p MP4 movies[4]

Record stunning high quality Full HD video[4] in either 60i or 24p frames per second. Records in your choice of 60i/24p Blu-Ray quality AVCHD™ format[5], or in PC-friendly 1080/30p MP4 format.

Low light situations not a problem

Built-in pop-up flash in a compact camera body is perfect when an extra burst of light is needed to get the shot. Combine with high ISO sensitivity - from 100 to 16000 ISO - to enable shooting in just about any setting.

Auto Object Framing fills the frame with your subject

Give your photos a professional look with Auto Object Framing. Featuring advancements like exceptional two-person portrait capability along with Face Detection and Tracking Focus, Auto Object Framing not only turns ordinary photos into stunning compositions but does so automatically recognizing the scene then cropping accordingly.

Compact, easy-to-carry PZ 16-50mm kit lens

For the ultimate in portability, the a5000 includes the collapsible 16-50mm power zoom (SELP1650) as the kit lens. Ideal when traveling or anytime a compact, lightweight camera-combo is desired.

Picture Effect modes

The a5000 includes 17 effects that can be applied to photos or movies, giving you the means to vastly expand your artistic repertoire. The ability to view effects in real-time on the LCD screen[11] before the shot lets you experiment with different looks until you are satisfied with the result.

Photo Creativity feature

The a5000 provides easy access to Picture Effect settings as well as controls for Background Defocus, Brightness, Color and Vividness. Just activate Photo Creativity, choose the appropriate item then adjust while viewing in real-time on the LCD screen. The ability to combine settings offers nearly unlimited creative control, and lets you compensate for tricky lighting.

Superior Auto mode

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Use Superior Auto mode to shoot photos and movies with the ease of a compact digital camera. In this mode, the camera recognizes the current shooting environment then adjusts settings for optimal results. Superior Auto also includes Auto HDR and Hand-held Twilight modes, both of which employ image compositing technology to handle difficult lighting by recording multiple images at high speed then compositing them to produce the final photo.

Anti-Motion Blur mode

Corrects for subject movement to capture amazingly clean and sharp images in low light. The camera leverages the large, APS-C image sensor and captures six images in a fraction of a second. Combining the data from all six creates a single image that minimizes subject blur.

Hand-held Twilight Mode

Get cleaner and sharper nighttime pictures—beyond the capability of traditional cameras—without using flash or a tripod. The camera leverages the large, APS-C image sensor and captures six images in a fraction of a second. Combining the data from all six creates a single image of extraordinary detail and low noise.

Face Detection/Smile Shutter

Set the a5000 to recognize faces and smiles. Face Detection locates up to eight faces in a composition then adjusts exposure, white balance and other settings based on these faces. Smile Shutter — adjustable in three levels — automatically takes a shot when smiles in the scene are detected.

Creative Style

Tailor the look of photos and movies before shooting. Choose from one of seven settings — Standard, Vivid, Portrait, Landscape, Sunset or Black & White — depending on the scene or your creative intent.

Speed Priority Continuous mode

Freeze fast-moving subjects by shooting at up to 4 fps. This is the ideal solution for photographing sports, children at play or other action.

Up to 420 Shots[6] of battery life

Take up to 420 shots on a single charge[6] with Sony® lithium ion Stamina™ battery power. Sony's InfoLITHIUM® battery system enables you to see the percent of power remaining, so you can keep shooting in confidence.

PlayMemories™ Home supplied software[10]

Free, easy-to-use PlayMemories™ Home image management software automatically installs onto Windows PC's for Sony Digital Camera users. Download photos and movies onto your computer then view, organize, edit, retouch, print, burn to disk, share or upload to social networking websites.[10]

Supplied accessories

The kit includes a NP-FW50 Lithium ion rechargeable battery, AC-UB10 USB AC charger (in-camera battery charging), Mini-B USB cable, and shoulder strap.

Specifications

Camera	
Lens Compatibility	Sony E-mount, operation with Minolta/Konica Minolta Maxxum A-mount lenses confirmed via optional LA-EA adaptor[9]
Lens Mount	Sony E-mount
Camera Type	Interchangeable Lens camera
Imaging Sensor	
Imaging Sensor	Exmor™ APS HD CMOS sensor (23.5 X 15.6mm)
Processor	BIONZ X image processor
Anti Dust	Charge protection coating on Low-Pass Filter and electromagnetic vibration mechanism
Pixel Gross	20.4M pixels (approx.)
Effective Picture Resolution	20.1M pixels (approx.)

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Focal Length Conversion Factor	1.5x
Color Filter System	RGB primary color filters
Recording	
Media Type	Memory Stick PRO Duo™/Pro-HG Duo™ media; SD, SDHC and SDXC memory card
Color Space	Still: sRG, AdobeRGB Movie: xvYCC standard (x.v.Color™ when connected via HDMI cable) compatible with TRILUMINOS™ color
Still Image Mode	JPEG (Standard, Fine, RAW, RAW+JPEG)
Still Image Max Effective Resolution	20.1M pixels (approx.)
Still Image Size 16:9	L (17 MP) 5456 x 3064, M (8.4 MP) 3872 x 2176, S (4.2 MP) 2736 x 1536
Still Image Size 3:2	L (20 MP) 5456 x 3632, M (10 MP) 3872 x 2576, S (5 MP) 2736 x 1824
Panorama Still Image Size	Horizontal Wide: 12,416 x 1,856 (23M) Horizontal Std.: 8,192 x 1,856 (15M) Vertical Wide: 2,160 x 5,536 (12M) Vertical Std.: 2,160 x 3,872 (8.4M)
Video Format	AVCHD / MP4 (MPEG-4 AVC (H.264))
Video Mode	AVCHD: FX - 1920 x 1080/60i@24Mbps FH - 1920 x 1080/60i@17Mbps FX - 1920 x 1080/24p@24Mbps FH - 1920 x 1080/24p@17Mbps MP4: HD - 1440 x 1080/ 30p@12Mbps VGA - 640 x 480/ 30p@3Mbps
Microphone/Speaker	Built-in Stereo Microphone
Still Image File Format	JPEG (DCF Ver. 2.0, Exif Ver. 2.3, MPF baseline compliant), RAW (Sony ARW 2.3 format)
LCD Display	
LCD Type	3.0" TFT LCD (460,800 dots)
Angle Adjustment	Tilt angle: Up: 180 degrees
Brightness Control	Auto, Manual (5 steps between -2 to +2)
Coverage	100%
Live View	Continuous Live View
Real-time image adjustment display	Yes (On/Off)
Histogram	Yes (On/off)
Peaking	Yes (Level setting: High/Mid/Low/Off, Color: White/Red/Yellow)
Grid Display	Yes (Rule of Thirds, Square 4x6, Diagonal & Square 4x4, Off)
Customization	Grid, Histogram display, Digital Level Gauge, Grid Line, Magnified display for playback
Zebra	Yes (levels 70, ,75, 80, 85, 90, 95, 10, 100+, off)
Focus Control	
Focus System	Contrast-detect AF
Focus Points	25 points
AF Modes	Single-shot AF (AF-S), Continuous AF (AF-C), Direct Manual Focus (DMF), Manual Focus
Focus Area	Wide (Multi Point/ 25 points), Zone, Center-weighted, Flexible Spot (Small, Medium, Large)
Focus Sensitivity	EV 0 to 20 EV (at ISO100 equivalent, with F2.8 lens attached)
Focus Features	Predictive control (AF-A, AF-C), Focus Lock,
AF Illuminator	Built-in LED, Range: approx. 3' 4" - 9' 9" (0.3m-3.0m)
Exposure System	

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Picture Effect(s)	13 modes: Posterization (Color, B/W), Pop Color, Retro Photo, Partial Color (R, G, B, Y), High Contrast Monochrome, Toy Camera, Soft High-key, Soft Focus, HDR Painting, Rich-tone Monochrome, Miniature, Watercolor, Illustration
Auto Exposure Lock	Yes: with shutter button (can be disabled from menu), custom button set available
Color Temperature	2500 to 9900K & Color Filter (G7 to M7: 15-steps, A7 to B7: 15-steps), Custom, Underwater
Creative Style	Standard, Vivid, Portrait , Landscape, Sunset, Black & White (Contrast (-3 to +3steps), Saturation(-3 to +3steps), Sharpness(-3 to +3steps)
D-Range Optimizer	Yes: (Auto, Level, Off)
Exposure Bracketing	3 continuous or single shots in 1/3 or 2/3 EV steps
Exposure Compensation	Still images: +/-3.0 EV(1/3EV steps selectable) Movies: +/-2.0 EV(1/3EV steps selectable)
Exposure Settings	iAUTO, Superior Auto, Programmed AE (P), Aperture priority (A), Shutter priority (S), Manual (M), Sweep Panorama, Scene Selection, Movie
ISO	Stills: ISO 100-16000 selectable in 1 EV steps, Auto (100-3200) Movies: ISO 100-3200 selectable in 1 EV steps, Auto (200-3200)
Metering	Advanced 1200-zone evaluative metering
Metering Modes	Multi-segment, Center-weighted, Spot
Metering Sensitivity	EV 0 to 20 EV (at ISO100 equivalent, with F2.8 lens attached)
Scene Mode(s)	Portrait, Landscape, Macro, Sports Action, Sunset, Night Portrait, Night View, Hand-held Twilight, Anti Motion Blur
White Balance Mode	Auto WB / Daylight / Shade / Cloudy / Incandescent / Fluorescent (Warm White / Cool White / Day White / Daylight) / Flash / Color Temperature (2500 to 9900K) & Color Filter (G7 to M7: 15-steps, A7 to B7: 15-steps) / Custom / Underwater
Drive System	
Continuous Shooting Speed	Continuous mode: 2.5 fps, Speed Priority Continuous mode: 3.5 fps
Drive Mode	Single-shot, Continuous, Speed Priority Continuous, Self-timer (10/2 sec. delay), Self-timer (Cont.) (with 10 sec. delay; 3/5 exposures), Bracketing
Self-timer	2-sec. or 10-sec. delay
Shutter Speeds	1/4000 to 30 seconds, bulb
Shutter Type	Electronically-controlled, vertical-traverse, focal-plane shutter
Flash	
Flash Bracketing	±2.0 EV
Flash Compensation	±2.0 EV (switchable between 1/3 EV steps)
Flash Coverage	16 mm (focal length printed on lens body)
Flash Metering System	Pre-flash TTL
Flash Modes	Flash off, Auto flash, Fill-flash, Slow Sync., Rear Sync, Red-eye reduction (On/Off)
Flash Type	Built-in, Pop-up Auto
Guide Number	4 (in meters at ISO 100)
Interface	
Remote Commander	Yes, via optional RM-VPR1
PictBridge Compatible	Yes
A/V Remote Terminal	Yes, via optional RM-VPR1 wired Multi-terminal remote
DC IN	Yes via optional AC-PW20AM (sold separately)
HD Output	HDMI® micro connector (Type-D), BRAVIA Sync (link menu), PhotoTV HD, 4K still image playback
Memory Card Slot	Dual compatibility slot: Memory Stick PRO Duo™/Pro-HG Duo™/PRO-HG HX Duo™ media - SD, SDHC and SDXC memory card
NFC	Yes (NFC Forum Type 3 Tag compatible, One-touch remote, One-touch sharing)
PhotoTV HD	Yes, with BRAVIA® Sync enabled HDTV and HDMI® cable

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Tripod Mount	Yes (1/4" diameter, 20 threads per inch)
USB Port(s)	USB 2.0 Hi-speed (mass-storage, MTP)
Wi-Fi	Yes(Wi-Fi Compatible, IEEE 802.11b/g/n(2.4GHz band))
Weights and Measurements	
Dimensions (Approx.)	Approx. 4 3/8 x 2 1/2 x 1 7/16 in (109.6 x 62.8 x 35.7mm)
Weight (Approx.)	With battery and Memory Stick PRO Duo Approx. 9.5 oz (269g)
Weight(Approx) (Main unit only)	Approx. 7.4 oz. (210 g)
Power	
Battery Type	InfoLITHIUM® NP-FW50 (7.2V)
Battery Capacity	1080 mAh
Number of Still Images	Approx. 420 images with LCD monitor (CIPA standard)
Supplied Battery Charger	AC-UB10 AC charger (in-camera charging via USB)
Software	
Supplied Software	Supplied Software: PlayMemories Home, Image Data Converter Version 4
Operating System Compatibility	Operating System Compatibility: Windows® XP SP3 (64-bit and Starter Editions are not supported, Windows Image Mastering API(IMAPI) Ver.2.0 or later is required to use the function for creating discs.) Windows Vista® SP2 (Starter Edition is not supported) Windows® 7 SP1; Windows® 8; Mac OS X (10.6-10.8)
Service and Warranty Information	
Limited Warranty Term	1 Year Parts & Labor
Accessories	
Supplied Accessories	AC-UB10 AC charger (in-camera charging via USB) SELP1650 lens Lens cap Rechargeable battery (NP-FW50) Shoulder strap Body cap Micro USB cable

4. Records in 29 minute segments
6. Actual performance varies based on settings, environmental conditions, and usage. Battery capacity decreases over time and use.
9. (Footnote number to be updated) Auto Focus function available with Sony E-Mount lenses and Sony A-mount SSM and SAM series lenses when using LA-EA2/EA4 lens adaptor.
10. Files compatible with iMovie® '09 or later on Mac. Software not compatible with Mac OS® X.
11. Among interchangeable-lens cameras with an APS-C sensor and built-in flash as of February 2013.
12. The following modes are not displayed in real-time and cannot be applied to movies: HDR Painting, Rich-tone Monochrome, Soft Focus and Miniature